

Converting Colors

YIQ(96.3680, 4.1750, -15.0970)

Have a look what the booklet for
YIQ(96.3680, 4.1750, -15.0970)
contains.

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Color

**YIQ(96.3680, 4.1750,
-15.0970)**

Conversions

Conversions Part 1

Format	Color
Hex	5B6942
RGB	91, 105, 66
RGB Percent	36%, 41%, 26%
CMY	0.6432, 0.5882, 0.7411
CMYK	0.13, 0.00, 0.37, 0.59
HSL	82°, 23%, 34%
HSV	82°, 37%, 41%
XYZ	10.3488, 12.7212, 7.0661
YIQ	96.3680, 4.1750, -15.0970

Conversions

Conversions Part 2

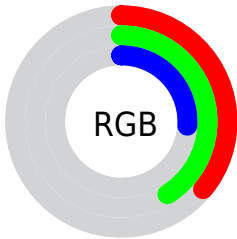
Format	Color
RYB	66, 105, 80
Decimal	5990722
CIELab	42.34, -12.71, 20.21
CIELCh	42, 23.879, 122.160
Yxy	12.7212, 0.3434, 0.4221
Android (android.graphics.Color)	4284180802 (0xFF5B6942)
YUV	96.3680, -14.9714, -4.7077
Hunter-Lab	35.6668, -10.6247, 13.2206

Details

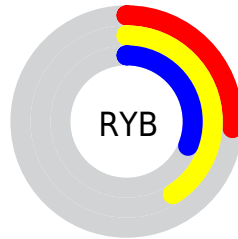
The YIQ color **96.3680, 4.1750, -15.0970** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **74.6320, -4.1750, 15.0970**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **147.0260, 5.1380, -16.0300**, and **49.7100, 3.2120, -14.1640** is the 20% darker color. If you saturate the color by 10%, you get **94.0320, 5.0010, -19.0550**, and if you desaturate by 10%, it is **98.8180, 3.0280, -10.8280**.

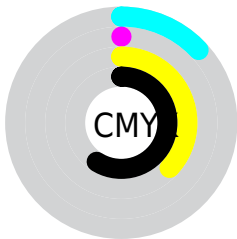
Distribution



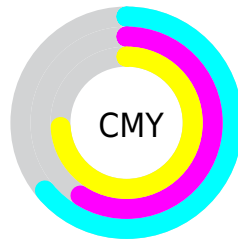
- Red (36%)
- Green (41%)
- Blue (26%)



- Red (26%)
- Yellow (41%)
- Blue (31%)



- Cyan (13%)
- Magenta (0%)
- Yellow (37%)
- Black (59%)



- Cyan (64%)
- Magenta (59%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 96.3680, 4.1750, -15.0970 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 96.3680, 4.1750, -15.0970 by changing the saturation by 10% instead.

■ 96.3680, 4.1750,
-15.0970

■ 96.3680, 4.1750,
-15.0970

■ 255.0000, -0.0000,
-0.0000

■ 72.4820, 3.8540,
-14.7860

■ 147.0260, 5.1380,
-16.0300

■ 49.7100, 3.2120,
-14.1640

■ 173.6130, 4.8630,
-16.5530

■ 28.6070, 5.0000,
-13.5280

■ 201.4990, 5.1840,
-16.8640

■ 8.8050, -4.1250,
-7.8450

■ 229.3850, 5.5050,
-17.1750

■ 0.0000, 0.0000,
0.0000

■ 250.6400, 9.4010,
-10.6870

■ 254.4300, 1.6050,

-1.5550

■ 96.3680, 4.1750,
-15.0970

■ 96.3680, 4.1750,
-15.0970

■ 94.0320, 5.0010,
-19.0550

■ 98.8180, 3.0280,
-10.8280

■ 91.5820, 6.1480,
-23.3240

■ 101.1540, 2.2020,
-6.8700

■ 89.5450, 7.5700,
-27.0700

■ 103.3050, 0.4590,
-2.8130

■ 87.0950, 8.7170,
-31.3390

■ 105.6410, -0.3670,
1.1450

■ 84.7590, 9.5430,
-35.2970

■ 108.0910, -1.5140,
5.4140

■ 82.3090, 10.6900,
-39.5660

■ 110.4270, -2.3400,
9.3720

■ 81.6680, 11.0570,
-40.7110

■ 112.5780, -4.0830,
13.4290

■ 114.9140, -4.9090,
17.3870

■ 117.3640, -6.0560,
21.6560

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



98.4410, 20.2670, -9.3730



96.3680, 4.1750, -15.0970



93.5490, -15.4480, -17.4000

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



96.3680, 4.1750, -15.0970



90.9420, -46.8110, -5.1710



102.1440, 26.4980, 15.3780

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



96.3680, 4.1750, -15.0970



74.6320, -4.1750, 15.0970

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



102.8960, 12.6970, 17.6970



96.3680, 4.1750, -15.0970



97.5580, -27.6940, 6.3060

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



96.3680, 4.1750, -15.0970



86.0240, -53.2740, -14.6980



101.4360, -6.5590, 14.2490



101.4510, 32.6430, 8.6350

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96.3680, 4.1750, -15.0970



90.5350, -30.0280, -17.4840



101.4360, -6.5590, 14.2490



102.3440, 23.0590, 17.1310

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



96.3680, 4.1750, -15.0970



134.4960, 1.2390, -5.9370



85.8790, 19.3940, 0.9460



67.0770, 1.1010, -3.4350



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.3680, 4.1750, -15.0970



124.0550, 6.1940, -24.1580



90.6870, -7.1490, -19.1250



52.7180, 0.7340, -2.2900



91.1040, 12.5250, -45.2910



190.7580, 26.1970, -94.8510

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



74.6320, -4.1750, 15.0970



89.6460, -6.7900, 23.9460



80.3130, 7.1490, 19.1250



49.2820, -0.7340, 2.2900



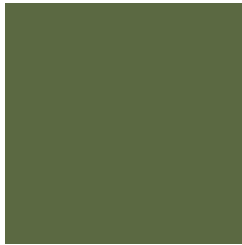
25.8960, -12.5250, 45.2910



54.2420, -26.1970, 94.8510

Previews

White Background



This preview shows how the YIQ color 96.3680, 4.1750, -15.0970 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 96.3680, 4.1750, -15.0970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

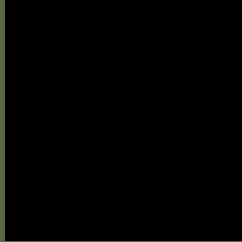
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 96.3680, 4.1750, -15.0970

Background



This preview shows how black text looks on a background with the YIQ color 96.3680, 4.1750, -15.0970.



This preview shows how white text looks on a background with the YIQ color 96.3680, 4.1750,

-15.0970.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

96.3680, 4.1750, -15.0970

Protanopia

98.5870, 16.9200, -9.2880

Deuteranopia

99.0980, 22.9710, -3.3090



Tritanopia

100.0150, -4.3560, 1.8520

Trichromacy



Original Color

96.3680, 4.1750, -15.0970

Protanomaly

97.7820, 11.8770, -11.5070

Deuteranomaly

98.3420, 16.2320, -7.8320

Tritanomaly

98.8810, -1.2830, -4.2830

Monochromacy



Original Color

96.3680, 4.1750, -15.0970

Achromatopsia

96.0000, -0.0000, 0.0000

Achromatomaly

95.9090, 1.5140, -5.4140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 96.3680, 4.1750, -15.0970 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(91, 105, 66)` looks like.

```
.text, #text, p{  
    color:rgb(91, 105, 66)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(91, 105, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 105, 66) }
```

Border

The CSS property to change the border of an element to YIQ 96.3680, 4.1750, -15.0970 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(91, 105, 66) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(91, 105, 66) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(91, 105, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 105, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 105, 66);  
box-shadow:4px 4px 4px 4px rgb(91, 105,  
66) }
```

Background

The CSS property to change the background color of an element to YIQ 96.3680, 4.1750, -15.0970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 105, 66) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(91, 105,  
66) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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